

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE DECLARATION FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

TREATMENT OF ANEMIA USING TNFa INHIBITORS

the specification of which was filed on July 18, 2003 as Application No. 10/623075.

In the event that the filing date and/or Application No. are not entered above at the time I execute this document, and if such information is deemed necessary, I hereby authorize and request my attorneys/agent(s) at Lahive & Cockfield, LLP, 28 State Street, Boston, Massachusetts 02109, to insert above the filing date and/or Application No. of said application.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by an amendment, if any, specifically referred to herein.

I acknowledge the duty to disclose all information known to me that is material to patentability in accordance with Title 37, Code of Federal Regulations, § 1.56.

FOREIGN PRIORITY CLAIM

I hereby claim foreign priority benefits under Title 35, United States Code § 119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

The state of the s	•		
x no such foreign applications have been filed	٠		
such foreign application have been filed as follows:			

EARLIEST FOREIGN APPLICATION(S), IF ANY FILED WITHIN 12 MONTHS (6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION

Application Number	Country	Date of Filing	Priority Claimed Under 35 USC 119
			Yes No
			Yes No
			Yes No

ALL FOREIGN APPLICATION(S), IF ANY FILED MORE THAN 12 MONTHS (6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION

Application Number	Country	Date of Filing
•		
·		
		` .

CLAIM FOR BENEFIT OF EARLIER U.S. PROVISIONAL APPLICATIONS

I hereby claim priority benefits under Title 35, United States Code §119(e), of any United States provisional patent application(s) listed below:

,				-				
١		no such l	77	provinional	applications	h	L	£:1-4
1	- 1	no such	U.S.	provisionar	applications	nave	been	mea.
•	1			<u> </u>	1 1			

x such U.S. provisional application have been filed as follows:

Application Number	Date of Filing	Priority Claimed Under 35 USC 119
60/397275	July 19, 2002	x Yes No
60/411081	September 16, 2002	x Yes No
60/417490	October 10, 2002	x Yes No
60/455777	March 18, 2003	x Yes No

CLAIM FOR BENEFIT OF EARLIER U.S./PCT APPLICATION(S)

I hereby claim the benefit under Title 35, United States Code, §120 of the United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose all information that is material to patentability in accordance with Title 37, Code of Federal

Regulations, §1.56 which became available to me between the filing date of the prior application and the national or PCT international filing date of this application:

Х	no such U.S./PCT	applications	have	been	filed.
	'				

	such U.S./PCT	application	have been	filed as	s follows:
		-ppiioution	114 10 0001	IIIOG GI	10110 11 0

Application Number	Relationship	Parent Application	Date of Filing
	·		

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

I hereby appoint:

All practitioners at Customer Number 00959 (listed here):

James E. Cockfield	19,162	Jeanne M. DiGiorgio	41,710	Hathaway P. Russell	46,488
Thomas V. Smurzynski	24,798	Megan E. Williams	43,270	John S. Curran	50,445
Ralph A. Loren	29,325	Jeremiah Lynch	17,425	Lisa M. DiRocco	51,619
Giulio A. DeConti, Jr.	31,503	David J. Rikkers	43,882	Danielle L. Herritt	43,670
Elizabeth A. Hanley	33,505	* Maria Laccotripe Zacharakis, Ph.D.		Cynthia M. Soroos	53,623
Amy E. Mandragouras	36,207	Debra J. Milasincic	46,931	Jonathan M. Sparks, Ph.D.	53,624
Anthony A. Laurentano	38,220	David R. Burns	46,590	Merideth C. Arnold	52,568
Kevin J. Canning	35,470	Sean D. Detweiler	42,482	Peter W. Dini, Ph.D.	52,821
Jane E. Remillard	38,872	Cynthia L. Kanik, Ph.D.	37,320	Andrina Williams Zink	54,539
DeAnn F. Smith	36,683	Theodore R. West	47,202	John D. Lanza	40,060

^{*} Limited Recognition Under 37 C.F.R. § 10.9(b)

all of Lahive & Cockfield, LLP, 28 State Street, Boston, Massachusetts 02109,

and to:

Regina M. Anderson	35,820	Patricia Coleman James	37.155	Lawrence S. Pope	26,791
Cheryl L. Becker	35,441	Gregory W. Steele	33,796	Christopher P. Rogers	36,334
Portia L. Chen,	44,075	David L. Weinstein	28,128	Nicholas A. Poulos	30,209
Dianne Casuto	40.943	Michael J. Ward	37,960	William E. Murray	30,303
Allen W. Wark	30.503	Brian R. Woodworth		William J. Winter	36,060
Steven R. Crowley	31,604	Steven F. Weinstock	30,117	Nickki L. Parlett	44,996
Andreas M. Danckers	32,652	Michael R. Crabb	37,298	David J. Schodin	41.294
Gregory B. Donner	34,580	Kalim S. Fuzail	45.805	Mimi C. Goller	39,046
Beth A. Vrioni	39,869	Paul D. Yasger	37,477	Thomas D. Brainard	32,459

all of Abbott Laboratories, 100 Abbott Park Road, Abbott Park, IL 60064,

and to:

John D. Conway

39,150 Kenneth Zwicker

43,310 Gayle B. O'Brien

48,812

Tara Seshadri

48,591

all of Abbott Bioresearch Center, 100 Research Dr., Worcester, MA 01605,

jointly, and each of them severally, my attorneys at law/patent agent(s), with full power of substitution, delegation and revocation, to prosecute this application, to make alterations and amendments therein, to receive the patent, and to transact all business in the U. S. Patent and Trademark Office connected therewith.

Send Correspondence to <u>Elizabeth A. Hanley, Esq.</u> at **Customer Number: 00959** whose address is:

LAHIVE & COCKFIELD, LLP, 28 State Street, Boston, MA 02109

Direct Telephone Calls to:

Full name of first inventor

Elizabeth A. Hanley, Esq., (617) 227-7400

Subhashis Banerjee	
Sole or first inventor's signature	Date
Thereas Cane	12 /1-13-03
Residence	
Shrewsbury, Massachusetts	•
Citizenship US	
Mailing Address	
35 Hapgood Way	
Shrewsbury, Massachusetts 01545	•
	•
Full name of second inventor	
Lori K. Taylor	
Second inventor's signature	Date
·	·
Delta	
Residence	
Wadsworth, Illinois	
Citizenship US	
Mailing Address	
14576 West Crabapple Drive	• •
Wadsworth, Illinois 60083	

	·
Full name of third inventor	
Clive E. Spiegler	
Third inventor's signature	Date
Residence	
Reading, Berrkshire, United Kingdom	
Citizenship US	
Mailing Address	:
70 Peppard Road	•
Emmer Green	
Reading	
Berkshire; RG4 8TL; UNITED KINGDOM	·
Full name of fourth inventor	
Daniel Edward Tracey	
Fourth inventor's signature	Date
Residence	
Harvard, Massachusetts	
Citizenship US Mailing Address	
Maning Address	4
149 Shaker Road	
Harvard, Massachusetts 01451	
Full name of fifth inventor	
Elliot K. Chartash	
Fifth inventor's signature	Date
Residence	
Randolph, New Jersey	
Citizenship US	
Mailing Address	
Finding / States	
28 Edinburgh Drive	
Randolph, New Jersey 07869	
Full name of sixth inventor	
Rebecca S. Hoffman	
Sixth inventor's signature	. Date
Residence	<u></u>
Wilmette, Illinois	
	· · · · · · · · · · · · · · · · · · ·
Citizenship US	
Mailing Address	•
1300 Elmwood Avenue	
Wilmette, Illinois 60091	
1	

William T. Barchuk	
Seventh inventor's signature	Date
Residence	
Madison, New Jersey	
Citizenship US	
Mailing Address	
95 Madison Avenue	,
Apt. 1 Madison, New Jersey 07940	•
	· · · · · · · · · · · · · · · · · · ·
Full name of eighth inventor	
Philip Yan	
Eighth inventor's signature	Date
	. •
Residence	
Vernon Hills, Illinois	•
Citizenship US	
Mailing Address	
368 Old Creek Road	
Vernon Hills, Illinois 60061	
	·
Full name of ninth inventor	
Anwar Murtaza	•
Ninth inventor's signature	Date
	1
·	•
Residence	
Residence Shrewsbury, Massachusetts	
Shrewsbury, Massachusetts Citizenship India	
Shrewsbury, Massachusetts	
Shrewsbury, Massachusetts Citizenship India Mailing Address 50 Commons Drive	
Shrewsbury, Massachusetts Citizenship India Mailing Address 50 Commons Drive Apt. 30	
Shrewsbury, Massachusetts Citizenship India Mailing Address 50 Commons Drive	
Shrewsbury, Massachusetts Citizenship India Mailing Address 50 Commons Drive Apt. 30 Shrewsbury, Massachusetts 01545	
Shrewsbury, Massachusetts Citizenship India Mailing Address 50 Commons Drive Apt. 30 Shrewsbury, Massachusetts 01545 Full name of tenth inventor	
Shrewsbury, Massachusetts Citizenship India Mailing Address 50 Commons Drive Apt. 30 Shrewsbury, Massachusetts 01545	Date
Shrewsbury, Massachusetts Citizenship India Mailing Address 50 Commons Drive Apt. 30 Shrewsbury, Massachusetts 01545 Full name of tenth inventor Jochen G. Salfeld	Date
Shrewsbury, Massachusetts Citizenship India Mailing Address 50 Commons Drive Apt. 30 Shrewsbury, Massachusetts 01545 Full name of tenth inventor Jochen G. Salfeld	Date
Shrewsbury, Massachusetts Citizenship India Mailing Address 50 Commons Drive Apt. 30 Shrewsbury, Massachusetts 01545 Full name of tenth inventor Jochen G. Salfeld Tenth inventor's signature	Date
Shrewsbury, Massachusetts Citizenship India Mailing Address 50 Commons Drive Apt. 30 Shrewsbury, Massachusetts 01545 Full name of tenth inventor Jochen G. Salfeld Tenth inventor's signature	Date
Shrewsbury, Massachusetts Citizenship India Mailing Address 50 Commons Drive Apt. 30 Shrewsbury, Massachusetts 01545 Full name of tenth inventor Jochen G. Salfeld Tenth inventor's signature Residence North Grafton, Massachusetts	Date
Shrewsbury, Massachusetts Citizenship India Mailing Address 50 Commons Drive Apt. 30 Shrewsbury, Massachusetts 01545 Full name of tenth inventor Jochen G. Salfeld Tenth inventor's signature Residence North Grafton, Massachusetts Citizenship Germany Mailing Address	Date
Shrewsbury, Massachusetts Citizenship India Mailing Address 50 Commons Drive Apt. 30 Shrewsbury, Massachusetts 01545 Full name of tenth inventor Jochen G. Salfeld Tenth inventor's signature Residence North Grafton, Massachusetts Citizenship Germany	Date

Full name of eleventh inventor	
Steven Fischkoff	,
Eleventh inventor's signature	Date
Residence	
Short Hills, New Jersey	
Citizenship US	
Mailing Address .	
5 Canoe Brook Road	
Short Hills, New Jersey 07078	•
	•



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE DECLARATION FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

TREATMENT OF ANEMIA USING TNFa INHIBITORS

the specification of which was filed on July 18, 2003 as Application No. 10/623075.

In the event that the filing date and/or Application No. are not entered above at the time I execute this document, and if such information is deemed necessary, I hereby authorize and request my attorneys/agent(s) at Lahive & Cockfield, LLP, 28 State Street, Boston, Massachusetts 02109, to insert above the filing date and/or Application No. of said application.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by an amendment, if any, specifically referred to herein.

I acknowledge the duty to disclose all information known to me that is material to patentability in accordance with Title 37, Code of Federal Regulations, § 1.56.

FOREIGN PRIORITY CLAIM

I hereby claim foreign priority benefits under Title 35, United States Code § 119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

that of the application on which priority is claimed.		
x no such foreign applications have been filed		
such foreign application have been filed as follows:	• .	

EARLIEST FOREIGN APPLICATION(S), IF ANY FILED WITHIN 12 MONTHS (6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION

Application Number	tion Number Country Date of Filing		Priority Claimed Under 35 USC 119
			Yes No
·			Yes No
			Yes No

ALL FOREIGN APPLICATION(S), IF ANY FILED MORE THAN 12 MONTHS (6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION

Application Number	Country	Date of Filing
·		
·		

CLAIM FOR BENEFIT OF EARLIER U.S. PROVISIONAL APPLICATIONS

I hereby claim priority benefits under Title 35, United States Code §119(e), of any United States provisional patent application(s) listed below:

	no such U.S.		1:+:	1	1	C:1. J
	no such 0.5.	Diovisional	applications	nave	neen	mea.
			L L			

x such U.S. provisional application have been filed as follows:

Application Number	Date of Filing	Priority Claimed Under 35 USC 119
60/397275	July 19, 2002	x Yes No
60/411081	September 16, 2002	x Yes No
60/417490	October 10, 2002	x Yes No
60/455777	March 18, 2003	x Yes No

CLAIM FOR BENEFIT OF EARLIER U.S./PCT APPLICATION(S)

I hereby claim the benefit under Title 35, United States Code, §120 of the United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose all information that is material to patentability in accordance with Title 37, Code of Federal

Regulations, §1.56 which became available to me between the filing date of the prior application and the national or PCT international filing date of this application:

x	no	such	U.S./PCT	applications	have	been	filed.

Application Number	Relationship	Parent Application	Date of Filing
		·	
	· _ ·	·	

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

I hereby appoint:

All practitioners at Customer Number 00959 (listed here):

James E. Cockfield	19,162	Jeanne M. DiGiorgio	41,710	Hathaway P. Russell	46,488
Thomas V. Smurzynski	24,798	Megan E. Williams	43,270	John S. Curran	50,445
Ralph A. Loren	29,325	Jeremiah Lynch	17,425	Lisa M. DiRocco	51,619
Giulio A. DeConti, Jr.	31,503	David J. Rikkers	43,882	Danielle L. Herritt	.43,670
Elizabeth A. Hanley	33,505	* Maria Laccotripe Zacharakis, Ph.D.		Cynthia M. Soroos	53,623
Amy E. Mandragouras	36,207	Debra J. Milasincic	46,931	Jonathan M. Sparks, Ph.D.	53,624
Anthony A. Laurentano	38,220	David R. Burns	46,590	Merideth C. Arnold	52,568
Kevin J. Canning	35,470	Sean D. Detweiler	42,482	Peter W. Dini, Ph.D.	52,821
Jane E. Remillard	38,872	Cynthia L. Kanik, Ph.D.	37,320	Andrina Williams Zink	54,539
DeAnn F. Smith	36,683	Theodore R. West	47,202	John D. Lanza	40,060

^{*} Limited Recognition Under 37 C.F.R. § 10.9(b)

all of Lahive & Cockfield, LLP, 28 State Street, Boston, Massachusetts 02109,

and to:

Regina M. Anderson	35,820	Patricia Coleman James	37.155	Lawrence S. Pope	26,791
Cheryl L. Becker	35,441	Gregory W. Steele	33,796	Christopher P. Rogers	36,334
Portia L. Chen,	44,075	David L. Weinstein	28,128	Nicholas A. Poulos	30,209
Dianne Casuto	40,943	Michael J. Ward	37,960	William E. Murray	30,303
Allen W. Wark	30,503	Brian R. Woodworth	33,137	William J. Winter	36,060
Steven R. Crowley	31,604	Steven F. Weinstock	30,117	Nickki L. Parlett	44,996
Andreas M. Danckers	32,652	Michael R. Crabb	37,298	David J. Schodin	41,294
Gregory B. Donner	34,580	Kalim S. Fuzail	45,805	Mimi C. Goller	39,046
Beth A. Vrioni	39,869	Paul D. Yasger	37,477	Thomas D. Brainard	32,459

all of Abbott Laboratories, 100 Abbott Park Road, Abbott Park, IL 60064,

and to:

John D. Conway Tara Seshadri 39,150 Kenneth Zwicker 48,591

43,310 Gayle B. O'Brien

48,812

all of Abbott Bioresearch Center, 100 Research Dr., Worcester, MA 01605,

jointly, and each of them severally, my attorneys at law/patent agent(s), with full power of substitution, delegation and revocation, to prosecute this application, to make alterations and amendments therein, to receive the patent, and to transact all business in the U. S. Patent and Trademark Office connected therewith.

Send Correspondence to <u>Elizabeth A. Hanley, Esq.</u> at **Customer Number: 00959** whose address is:

LAHIVE & COCKFIELD, LLP, 28 State Street, Boston, MA 02109

Direct Telephone Calls to:

Elizabeth A. Hanley, Esq., (617) 227-7400

Full name of first inventor				
Subhashis Banerjee	•			
Sole or first inventor's signature			Date	
	·			
Residence	 		<u>.</u>	
Shrewsbury, Massachusetts		i		
Citizenship US	,			
Mailing Address				
35 Hapgood Way Shrewsbury, Massachusetts 01545		·		

1 dii name di second niventoi	
Lori K. Taylor	
Second inventor's signature	DEC - 9 2003
Residence	
Wadsworth, Illinois	
Citizenship US	
Mailing Address	
14576 West Crabapple Drive	· · · · · · · · · · · · · · · · · · ·
Wadsworth, Illinois 60083	

Full name of third inventor	
Clive E. Spiegler	
Third inventor's signature	Date
Residence	
Reading, Berrkshire, United Kingdom	
Citizenship US	
Mailing Address	
70 Peppard Road	
Emmer Green	
Reading	
Berkshire; RG4 8TL; UNITED KINGDOM	
•	
Full name of fourth inventor	
Daniel Edward Tracey	•
Fourth inventor's signature	Date
Residence	
Harvard, Massachusetts	
Citizenship US	
Mailing Address	
149 Shaker Road	
Harvard, Massachusetts 01451	
The vara, ivassaciasous 01451	•
<u></u>	
Full name of fifth inventor	
Elliot K. Chartash	
Fifth inventor's signature	Date
	Jan 1
	•
Residence	
Randolph, New Jersey	•
Citizenship US	
Mailing Address	* -
·	
28 Edinburgh Drive	•
Randolph, New Jersey 07869	
	· · · · · · · · · · · · · · · · · · ·
Full name of sixth inventor	
Rebecca S. Hoffman	
Sixth inventor's signature	Date
Rebecca S. Hoffman	26 Nov 03
Residence	
Wilmette, Illinois	
	·
Citizenship US	
Mailing Address	
1300 Elmwood Avenue	
Wilmette, Illinois 60091	•

Full name of seventh inventor	
William T. Barchuk	
Seventh inventor's signature	Date
Residence	
Madison, New Jersey	
Citizenship US	
Mailing Address	
95 Madison Avenue Apt. 1	
Madison, New Jersey 07940	
	· · · · · · · · · · · · · · · · · · ·
	<u> </u>
Full name of eighth inventor	
Philip Yan Eighth inventor's signature	,
21 1	Date
Mhha	Dec 8, wis
Residence	
Vernon Hills, Illinois	
Citizenship US	
Mailing Address	
	•
368 Old Creek Road	
Vernon Hills, Illinois 60061	
	<u> </u>
Full name of ninth inventor	· · · · · · · · · · · · · · · · · · ·
Anwar Murtaza	
Ninth inventor's signature	Date
Residence	
Shrewsbury, Massachusetts	
Citizenship India Mailing Address	
50 Commons Drive	
Apt. 30 Shrewsbury, Massachusetts 01545	
Sinewsom y, Wassachusens 01545	
Full name of tenth inventor	
Jochen G. Salfeld	
Tenth inventor's signature	Date
Residence	
North Grafton, Massachusetts	
Citizenship Germany	
Mailing Address	
177 Old Westboro Road	
North Grafton, Massachusetts 01536	·

Full name of eleventh inventor	
Steven Fischkoff	
Eleventh inventor's signature	Date
Residence	
Short Hills, New Jersey	
Citizenship US .	
Mailing Address	
5 Canoe Brook Road Short Hills, New Jersey 07078	
0.0000 0.000 0.000	



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE DECLARATION FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

Treatment of Anemia Using TNFa Inhibitors

the specification of which was filed on July 18, 2003 as Application No. 10/623075.

In the event that the filing date and/or Application No. are not entered above at the time I execute this document, and if such information is deemed necessary, I hereby authorize and request my attorneys/agent(s) at Lahive & Cockfield, LLP, 28 State Street, Boston, Massachusetts 02109, to insert above the filing date and/or Application No. of said application.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by an amendment, if any, specifically referred to herein.

I acknowledge the duty to disclose all information known to me that is material to patentability in accordance with Title 37, Code of Federal Regulations, § 1.56.

FOREIGN PRIORITY CLAIM

I hereby claim foreign priority benefits under Title 35, United States Code § 119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

that of the application on which priority is claimed:	_	
x no such foreign applications have been filed		
such foreign application have been filed as follows:		•

EARLIEST FOREIGN APPLICATION(S), IF ANY FILED WITHIN 12 MONTHS (6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION

Application Number	Country	Date of Filing	Priority Claimed Under 35 USC 119
·			Yes No
			Yes No
			Yes No

ALL FOREIGN APPLICATION(S), IF ANY FILED MORE THAN 12 MONTHS (6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION

Application Number	Country	Date of Filing
		·
	, .	

CLAIM FOR BENEFIT OF EARLIER U.S. PROVISIONAL APPLICATIONS

I hereby claim priority benefits under Title 35, United States Code §119(e), of any United States provisional patent application(s) listed below:

$\overline{}$						•
- 1	1 77.0		applications			
	no such H S	nrovisional	annlications	have	heen	filad
	no such C.b	. provisionai	applications	IIa v C	OCCII	mcu.
		1	11			

x such U.S. provisional application have been filed as follows:

Application Number	Date of Filing	Priority Claimed Under 35 USC 119
60/397275	July 19, 2002	x Yes No
60/411081	September 16, 2002	x Yes No
60/417490	October 10, 2002	x Yes No
60/455777	March 18, 2003	x Yes No

CLAIM FOR BENEFIT OF EARLIER U.S./PCT APPLICATION(S)

I hereby claim the benefit under Title 35, United States Code, §120 of the United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose all information that is material to patentability in accordance with Title 37, Code of Federal

Regulations, §1.56 which became available to me between the filing date of the prior application and the national or PCT international filing date of this application:

	х	no such	U.S./PCT	applications	have	been	filed.
--	---	---------	----------	--------------	------	------	--------

			_		
1	such U.S./PCT	application	have been	filed ac	follower
	500m 0.5.71 CT	application	Have been	Thou as	TOHOWS.

Application Number	Relationship	Parent Application	Date of Filing
	·		
·		· .	

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

I hereby appoint:

All practitioners at Customer Number 00959 (listed here):

James E. Cockfield	19,162	Jeanne M. DiGiorgio	41,710	Hathaway P. Russell	46,488
Thomas V. Smurzynski	24,798	Megan E. Williams	43,270	John S. Curran	50,445
Ralph A. Loren	29,325	Jeremiah Lynch	17,425	Lisa M. DiRocco	51,619
Giulio A. DeConti, Jr.	31,503	David J. Rikkers	43,882	Danielle L. Herritt	43,670
Elizabeth A. Hanley	33,505	* Maria Laccotripe Zacharakis, Ph.D.		Cynthia M. Soroos	53,623
Amy E. Mandragouras	36,207	Debra J. Milasincic	46,931	Jonathan M. Sparks, Ph.D.	53,624
Anthony A. Laurentano	38,220	David R. Burns	46,590	Merideth C. Arnold	52,568
Kevin J. Canning	35,470	Sean D. Detweiler	42,482	Peter W. Dini, Ph.D.	52,821
Jane E. Remillard	38,872	Cynthia L. Kanik, Ph.D.	37,320	Andrina Williams Zink	54,539
DeAnn F. Smith	36,683	Theodore R. West	47,202	John D. Lanza	40,060

^{*} Limited Recognition Under 37 C.F.R. § 10.9(b)

all of Lahive & Cockfield, LLP, 28 State Street, Boston, Massachusetts 02109,

and to:

26,791
36,334
30,209
30,303
36,060
44,996
41,294
39,046
32,459

all of Abbott Laboratories, 100 Abbott Park Road, Abbott Park, IL 60064,

			,	
nd to:		•		
hn D. Conway ara Seshadri	39,150 Kenneth Zwicker 48,591	43,310 Gayle E	3. O'Brien	48,812
l of Abbott Bio	research Center, 100 Researc	ch Dr., Worcester,	MA 01605,	
ibstitution, delegoender	of them severally, my attorney gation and revocation, to prose ein, to receive the patent, and to connected therewith.	cute this applicati	on, to make	alterations and
end Correspond	ence to <u>Elizabeth A. Hanley,</u>	Esq. at Customer	Number:	00959 whose ad-
AHIVE & COC	KFIELD, LLP, 28 State Street	Boston MA 02	109	
Full name of first in				:
Subhashis Ba				
Sole or first inventor	''s signature		Date	
		- <u>-</u>		
Residence	Massachusetts		•	
Citizenship US	·			
Mailing Address				
35 Hapgood Wa				
Sinewsoury, Ma	y ssachusetts 01545			. •
Siliewsoul y, Ivia				. •
Full name of second	inventor			
Full name of second Lori K. Taylo	inventor			
Full name of second	inventor		Date	
Full name of second Lori K. Taylo	inventor		Date	

Citizenship

Mailing Address

US

14576 West Crabapple Drive Wadsworth, Illinois 60083

Full name of third inventor	
Clive E. Spiegler	·
Third inventor's signature	Date
	·
D:J	<u>. 1</u>
Residence	
Reading, Berrkshire, United Kingdom	
Citizenship US	
Mailing Address	
70 Peppard Road	
Emmer Green	
Reading	
Berkshire; RG4 8TL; UNITED KINGDOM	
Full name of fourth inventor	
Daniel Edward Tracey	
Fourth inventor's signature	Date
Fourth inventor's signature	11/11/03
sauce carried trans	,,,,,
Residence	
Harvard, Massachusetts	
Citizenship US	
Mailing Address	
149 Shaker Road	
Harvard, Massachusetts 01451	
Full name of fifth inventor	
Elliot K. Chartash	
Fifth inventor's signature	Date
Residence	
1	
Randolph, New Jersey	
Citizenship US	
Mailing Address	
20 P.H L. P	
28 Edinburgh Drive Randolph, New Jersey 07869	
Randolphi, New Jersey 07809	
	,
The second secon	· ·
Full name of sixth inventor	
Rebecca S. Hoffman	
Sixth inventor's signature	Date
Residence	
Wilmette, Illinois	
Citizenship US	
Mailing Address	
1200 Fl	
1300 Elmwood Avenue	
Wilmette, Illinois 60091	
1	

Trut	
Full name of seventh inventor William T. Barchuk	
Seventh inventor's signature	Date
Residence	
Madison, New Jersey	
Citizenship US	
Mailing Address	
95 Madison Avenue	
Apt. 1	
Madison, New Jersey 07940	
	,
Full name of eighth inventor	
Philip Yan	
Eighth inventor's signature	Date
Residence	
Vernon Hills, Illinois	
Citizenship US	
Mailing Address	• -
368 Old Creek Road	
Vernon Hills, Illinois 60061	
, , , , , , , , , , , , , , , , , , , ,	
Full name of ninth inventor	
Anwar Murtaza Ninth inventor's signature	Date
With Inventor's signature	Date
Residence	
Shrewsbury, Massachusetts	
Citizenship India Mailing Address	<u>.</u>
50 Commons Drive Apt. 30	
Shrewsbury, Massachusetts 01545	
Full name of tenth inventor	
Jochen G. Salfeld	•
Tenth inventor's signature	, Date
Residence	
North Grafton, Massachusetts	•
Citizenship Germany	
Mailing Address	
177 Old Westboro Road	
North Grafton, Massachusetts 01536	

Full name of eleventh inventor	
Steven Fischkoff	
Eleventh inventor's signature	Date
Residence	
Short Hills, New Jersey	
Citizenship US	
Mailing Address	
5 Canoe Brook Road Short Hills, New Jersey 07078	



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE DECLARATION FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

TREATMENT OF ANEMIA USING TNFa INHIBITORS

the specification of which was filed on July 18, 2003 as Application No. 10/623075.

In the event that the filing date and/or Application No. are not entered above at the time I execute this document, and if such information is deemed necessary, I hereby authorize and request my attorneys/agent(s) at Lahive & Cockfield, LLP, 28 State Street, Boston, Massachusetts 02109, to insert above the filing date and/or Application No. of said application.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by an amendment, if any, specifically referred to herein.

I acknowledge the duty to disclose all information known to me that is material to patentability in accordance with Title 37, Code of Federal Regulations, § 1.56.

FOREIGN PRIORITY CLAIM

I hereby claim foreign priority benefits under Title 35, United States Code § 119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

x no such foreign applications have been filed		
such foreign application have been filed as follows:	 ·	

EARLIEST FOREIGN APPLICATION(S), IF ANY FILED WITHIN 12 MONTHS (6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION

	Application Number	Country	Date of Filing	Priority Claimed Under 35 USC 119
ŀ				Yes No
			,	Yes No
				Yes No

ALL FOREIGN APPLICATION(S), IF ANY FILED MORE THAN 12 MONTHS (6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION

Application Number	Country	Date of Filing		
·				

CLAIM FOR BENEFIT OF EARLIER U.S. PROVISIONAL APPLICATIONS

I hereby claim priority benefits under Title 35, United States Code §119(e), of any United States provisional patent application(s) listed below:

	no such	U.S. provi	isional app	lications	have	been	filed
		T	-o-oapp	iioudioiio i	.,	00011	

x such U.S. provisional application have been filed as follows:

Application Number	Date of Filing	Priority Claimed Under 35 USC 119
60/397275	July 19, 2002	x Yes No
60/411081	September 16, 2002	x Yes No
60/417490	October 10, 2002	x Yes No
60/455777	March 18, 2003	x Yes No

CLAIM FOR BENEFIT OF EARLIER U.S./PCT APPLICATION(S)

I hereby claim the benefit under Title 35, United States Code, §120 of the United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose all information that is material to patentability in accordance with Title 37, Code of Federal

Regulations, §1.56 which became available to me between the filing date of the prior application and the national or PCT international filing date of this application:

ĺ	X	no such U.S./PCT applic	ations l	nave b	een f	iled	l.	
1		l		_		,		
ı		such U.S./PCT application	on have	been	filed	as f	follo	ws:

Application Number	Relationship	Parent Application	Date of Filing
	•		

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

I hereby appoint:

All practitioners at Customer Number 00959 (listed here):

James E. Cockfield	19,162	Jeanne M. DiGiorgio	41,710	Hathaway P. Russell	46,488
Thomas V. Smurzynski	24,798	Megan E. Williams	43,270	John S. Curran	50,445
Ralph A. Loren	29,325	Jeremiah Lynch	17,425	Lisa M. DiRocco	51,619
Giulio A. DeConti, Jr.	31,503	David J. Rikkers	43,882	Danielle L. Herritt	43,670
Elizabeth A. Hanley	33,505	* Maria Laccotripe Zacharakis, Ph.D.		Cynthia M. Soroos	53,623
Amy E. Mandragouras	36,207	Debra J. Milasincic	46,931	Jonathan M. Sparks, Ph.D.	53,624
Anthony A. Laurentano	38,220	David R. Burns	46,590	Merideth C. Arnold	52,568
Kevin J. Canning	35,470	Sean D. Detweiler	42,482	Peter W. Dini, Ph.D.	52,821
Jane E. Remillard	38,872	Cynthia L. Kanik, Ph.D.	37,320	Andrina Williams Zink	54,539
DeAnn F. Smith	36,683	Theodore R. West	47,202	John D. Lanza	40,060

^{*} Limited Recognition Under 37 C.F.R. § 10.9(b)

all of Lahive & Cockfield, LLP, 28 State Street, Boston, Massachusetts 02109.

and to:

Regina M. Anderson	35,820	Patricia Coleman James	37,155	Lawrence S. Pope	26,791
Cheryl L. Becker	35,441	Gregory W. Steele	33,796	Christopher P. Rogers	36,334
Portia L. Chen,	44,075	David L. Weinstein	28,128	Nicholas A. Poulos	30,209
Dianne Casuto	40,943	Michael J. Ward	37,960	William E. Murray	30,303
Allen W. Wark	30,503	Brian R. Woodworth	33,137	William J. Winter	36,060
Steven R. Crowley	31,604	Steven F. Weinstock	30,117	Nickki L. Parlett	44,996
Andreas M. Danckers	32,652	Michael R. Crabb	37,298	David J. Schodin	41,294
Gregory B. Donner	34,580	Kalim S. Fuzail	45,805	Mimi C. Goller	39,046
Beth A. Vrioni	39,869	Paul D. Yasger	37,477	Thomas D. Brainard	32,459

all of Abbott Laboratories, 100 Abbott Park Road, Abbott Park, IL 60064,

John D. Conway	39,150	Kenneth Zwicker	43.310	Gayle B. O'Brien	48,812
Tara Seshadri	48,591	Remoth Zwicker	45,510	Gayle B. O Blich	40,012

all of Abbott Bioresearch Center, 100 Research Dr., Worcester, MA 01605,

jointly, and each of them severally, my attorneys at law/patent agent(s), with full power of substitution, delegation and revocation, to prosecute this application, to make alterations and amendments therein, to receive the patent, and to transact all business in the U. S. Patent and Trademark Office connected therewith.

Send Correspondence to Elizabeth A. Hanley, Esq. at Customer Number: 00959 whose address is:

		00000	MA 021	<u> </u>		
rect Telephone Calls to:	•		7 . * *			4
izabeth A. Hanley, Esq., (617) 227-74	100		•		,	
,, == 45, (==, /, ==, /,		•				
Full name of first inventor						
Subhashis Banerjee						
Sole or first inventor's signature				Date		
			-			
D. 1		· 				
Residence				•		
Shrewsbury, Massachusetts						
Citizenship US						
Mailing Address						
35 Hapgood Way						
Shrewsbury, Massachusetts 01545						-
omewsom y, wassacrusetts 01345	•		·			
Full name of second inventor						
Lori K. Taylor						
Second inventor's signature				Date		
-						
Residence					_	
Wadsworth, Illinois					·	
Citizenship US						
Mailing Address						

Full name of third inventor	
Clive E. Spiegler	
Third inventor's signature	I Data
Timo niventor s signature	Date
	<i>'</i>
Residence	
Reading, Berrkshire, United Kingdom	
Citizenship US	· · · · · · · · · · · · · · · · · · ·
Mailing Address	
70 Peppard Road	
Emmer Green	
Reading	. ,
Berkshire; RG4 8TL; UNITED KINGDOM	
Full name of fourth inventor	
Daniel Edward Tracey	
Fourth inventor's signature	Date
· ·	Date
Residence	<u> </u>
Harvard, Massachusetts	•
Citizenship US	
Mailing Address	
149 Shaker Road	
Harvard, Massachusetts 01451	
Full name of fifth inventor	
Elliot K. Chartash	
Fifth inventor's signature	Date
911, 500 11.	10 NOV 03
Residence	20100003
•	
Randolph, New Jersey	
Citizenship US	
Mailing Address	•
28 Edinburgh Drive	
Randolph, New Jersey 07869	•
National Programme Transfer of Control of Co	•
Full name of sixth inventor	
Rebecca S. Hoffman	
Sixth inventor's signature	Date
	Date
Residence	<u> </u>
Wilmette, Illinois	•
Citizenship US	· · · · · · · · · · · · · · · · · · ·
Mailing Address	,
	•
1300 Elmwood Avenue	
Wilmette, Illinois 60091	

Full name of seventh inventor	
William T. Barchuk	
Seventh inventor's signature	Date
•	•
Residence	
Madison, New Jersey	•
Citizenship US	
Mailing Address	
95 Madison Avenue	
Apt. 1	. •
Madison, New Jersey 07940	
Full name of eighth inventor	
Philip Yan	
Eighth inventor's signature	Date
Residence	
Vernon Hills, Illinois	
Citizenship US	
Mailing Address	<u> </u>
5	
368 Old Creek Road	•
Vernon Hills, Illinois 60061	
Full name of ninth inventor	
Anwar Murtaza	4
Ninth inventor's signature	Date
	•
Residence Shrayshury Massachysette	
Shrewsbury, Massachusetts	
Citizenship India Mailing Address	
	•
50 Commons Drive	
Apt. 30 Shrewsbury, Massachusetts 01545	
Sillewsbury, Massachusetts 01343	
Full name of tenth inventor	
Jochen G. Salfeld	Thi
Tenth inventor's signature	Date
Residence	
North Grafton, Massachusetts	
Citizenship Germany	
Mailing Address	<u>-</u>
177 Old Western D. 1	
177 Old Westboro Road North Grafton, Massachusette, 01536	
North Grafton, Massachusetts 01536	

Full name of eleventh inventor	
Steven Fischkoff	
Eleventh inventor's signature	Date
Residence	
Short Hills, New Jersey	
Citizenship US	
Mailing Address	
5 Canoe Brook Road	
Short Hills, New Jersey 07078	



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE DECLARATION FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

TREATMENT OF ANEMIA USING TNFa INHIBITORS

the specification of which was filed on July 18, 2003 as Application No. 10/623075.

In the event that the filing date and/or Application No. are not entered above at the time I execute this document, and if such information is deemed necessary, I hereby authorize and request my attorneys/agent(s) at Lahive & Cockfield, LLP, 28 State Street, Boston, Massachusetts 02109, to insert above the filing date and/or Application No. of said application.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by an amendment, if any, specifically referred to herein.

I acknowledge the duty to disclose all information known to me that is material to patentability in accordance with Title 37, Code of Federal Regulations, § 1.56.

FOREIGN PRIORITY CLAIM

I hereby claim foreign priority benefits under Title 35, United States Code § 119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

·	•		
x no such foreign applicat	ions have been filed		• •
such foreign application	have been filed as follow	/s:	

EARLIEST FOREIGN APPLICATION(S), IF ANY FILED WITHIN 12 MONTHS (6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION

Application Number	Country	Date of Filing	Priority Claimed Under 35 USC 119
			Yes No
			Yes No
			Yes No

ALL FOREIGN APPLICATION(S), IF ANY FILED MORE THAN 12 MONTHS (6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION

Application Number	Country	Date of Filing

CLAIM FOR BENEFIT OF EARLIER U.S. PROVISIONAL APPLICATIONS

I hereby claim priority benefits under Title 35, United States Code §119(e), of any United States provisional patent application(s) listed below:

L	no such U.S.	provisional	applications	have	been	filed.
---	--------------	-------------	--------------	------	------	--------

x such U.S. provisional application have been filed as follows:

Application Number	Date of Filing	Priority Claimed Under 35 USC 119
60/397275	July 19, 2002	x Yes No
60/411081	September 16, 2002	x Yes No
60/417490	October 10, 2002	x Yes No
60/455777	March 18, 2003	x Yes No

CLAIM FOR BENEFIT OF EARLIER U.S./PCT APPLICATION(S)

I hereby claim the benefit under Title 35, United States Code, §120 of the United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose all information that is material to patentability in accordance with Title 37, Code of Federal

Regulations, §1.56 which became available to me between the filing date of the prior application and the national or PCT international filing date of this application:

х	no such	U.S./PCT	applications	have	been	filed.

	such U.S./PCT	annliaation	harra 1	h ~ ~ ~	filed.	aa fall	
		abblication	nave	Deen	Hieu a	as ion	OWS:
L		L L					

Application Number	Relationship	Parent Application	Date of Filing
·			
	·	·	

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

I hereby appoint:

All practitioners at Customer Number 00959 (listed here):

James E. Cockfield	19,162	Jeanne M. DiGiorgio	41,710	Hathaway P. Russell	46,488
Thòmas V. Smurzynski	24,798	Megan E. Williams	43,270	John S. Curran	50,445
Ralph A. Loren	29,325	Jeremiah Lynch	17,425	Lisa M. DiRocco	51,619
Giulio A. DeConti, Jr.	31,503	David J. Rikkers	43,882	Danielle L. Herritt	43,670
Elizabeth A. Hanley	33,505	* Maria Laccotripe Zacharakis, Ph.D.		Cynthia M. Soroos	53,623
Amy E. Mandragouras	36,207	Debra J. Milasincic	46,931	Jonathan M. Sparks, Ph.D.	53,624
Anthony A. Laurentano	38,220	David R. Burns	46,590	Merideth C. Arnold	52,568
Kevin J. Canning	35,470	Sean D. Detweiler	42,482	Peter W. Dini, Ph.D.	52,821
Jane E. Remillard	38,872	Cynthia L. Kanik, Ph.D.	37,320	Andrina Williams Zink	54,539
DeAnn F. Smith	36,683	Theodore R. West	47,202	John D. Lanza	40,060

^{*} Limited Recognition Under 37 C.F.R. § 10.9(b)

all of Lahive & Cockfield, LLP, 28 State Street, Boston, Massachusetts 02109,

and to:

Regina M. Anderson	35,820	Patricia Coleman James	37 155	Lawrence S. Pope	26,791
Cheryl L. Becker	35,441	Gregory W. Steele	33,796	Christopher P. Rogers	36,334
Portia L. Chen,	44,075	David L. Weinstein	•	Nicholas A. Poulos	30,209
Dianne Casuto	40,943	Michael J. Ward	•	William E. Murray	30,209
Allen W. Wark	30,503	Brian R. Woodworth	33,137	William J. Winter	36,060
Steven R. Crowley	31,604	Steven F. Weinstock	30,117	Nickki L. Parlett	44,996
Andreas M. Danckers	32,652	Michael R. Crabb	37,298	David J. Schodin	41,294
Gregory B. Donner	34,580	Kalim S. Fuzail	45.805	Mimi C. Goller	39,046
Beth A. Vrioni	39,869	Paul D. Yasger	37,477	Thomas D. Brainard	32,459

all of Abbott Laboratories, 100 Abbott Park Road, Abbott Park, IL 60064,

nd to:			
hn D. Conway ara Seshadri	39,150 Kenneth Zwicker 48,591	43,310 Gayle B. O'Brien	48,812
l of Abbott Bio	research Center, 100 Resea	arch Dr., Worcester, MA 01605,	
abstitution, deleg mendments there	gation and revocation, to pro	eys at law/patent agent(s), with a secute this application, to make I to transact all business in the U	alterations and
end Corresponde :	ence to Elizabeth A. Hanley	y, Esq. at Customer Number:	00959 whose add
AHIVE & COC	KFIELD, LLP, 28 State Stre	eet, Boston, MA 02109	
irect Telephone lizabeth A. Hanl	Calls to: ey, Esq., (617) 227-7400		
Full name of first in Subhashis Bar	· ===•		
Sole or first inventor		Date	
Residence			
Shrewsbury, I	Massachusetts		
Citizenship US			
Mailing Address			
35 Hapgood Wa Shrewsbury, Ma	y ssachusetts 01545		
Full name of second			
Lori K. Taylo			
Second inventor's sig	nature	Date	
Residence			
Wadsworth, I	linois		

Citizenship

Mailing Address

US

14576 West Crabapple Drive Wadsworth, Illinois 60083

	•
Full name of third inventor	
Clive E. Spiegler	
Third inventor's signature	Date
Residence	
Reading, Berrkshire, United Kingdom	
Citizenship US	
Mailing Address	
70 Peppard Road	
Emmer Green	
Reading	
Berkshire; RG4 8TL; UNITED KINGDOM	
Full name of fourth inventor	
Daniel Edward Tracey	
Fourth inventor's signature	Date
Residence	
Harvard, Massachusetts	
Citizenship US	
Mailing Address	
149 Shaker Road	
Harvard, Massachusetts 01451	
T 11 (C 2)	• •
Full name of fifth inventor	
Elliot K. Chartash	
Fifth inventor's signature	Date
Residence	
Randolph, New Jersey	
Citizenship US	
Mailing Address	
Maining Address	•
28 Edinburgh Drive	
Randolph, New Jersey 07869	
Full name of sixth inventor	
Rebecca S. Hoffman	
Sixth inventor's signature	Date
	1
<u> </u>	1
Residence	
Wilmette, Illinois	
Citizenship US	
Mailing Address	
1300 Elmwood Avenue	
Wilmette, Illinois 60091	

_
_
_
-
-
-

Full name of eleventh inventor	
Steven Fischkoff	
Eleventh inventor's signature	Date
Residence	
Short Hills, New Jersey	
Citizenship US	
Mailing Address	
5 Canoe Brook Road Short Hills, New Jersey 07078	



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE DECLARATION FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

TREATMENT OF ANEMIA USING TNFa INHIBITORS

the specification of which was filed on July 18, 2003 as Application No. 10/623075.

In the event that the filing date and/or Application No. are not entered above at the time I execute this document, and if such information is deemed necessary, I hereby authorize and request my attorneys/agent(s) at Lahive & Cockfield, LLP, 28 State Street, Boston, Massachusetts 02109, to insert above the filing date and/or Application No. of said application.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by an amendment, if any, specifically referred to herein.

I acknowledge the duty to disclose all information known to me that is material to patentability in accordance with Title 37, Code of Federal Regulations, § 1.56.

FOREIGN PRIORITY CLAIM

I hereby claim foreign priority benefits under Title 35, United States Code § 119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

x no such foreign applications have been filed	
such foreign application have been filed as follows:	

EARLIEST FOREIGN APPLICATION(S), IF ANY FILED WITHIN 12 MONTHS (6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION

Application Number	Country	Date of Filing	Priority Claimed Under 35 USC 119
			Yes No
			Yes No
			Yes No

ALL FOREIGN APPLICATION(S), IF ANY FILED MORE THAN 12 MONTHS (6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION

Application Number	Country	Date of Filing

CLAIM FOR BENEFIT OF EARLIER U.S. PROVISIONAL APPLICATIONS

I hereby claim priority benefits under Title 35, United States Code §119(e), of any United States provisional patent application(s) listed below:

	no such U.S.	provisional	applications	have	been	filed.
--	--------------	-------------	--------------	------	------	--------

x such U.S. provisional application have been filed as follows:

Application Number	Date of Filing	Priority Claimed Under 35 USC 119
60/397275	July 19, 2002	x Yes No
60/411081	September 16, 2002	x Yes No
60/417490	October 10, 2002	x Yes No
60/455777	March 18, 2003	x Yes No

CLAIM FOR BENEFIT OF EARLIER U.S./PCT APPLICATION(S)

I hereby claim the benefit under Title 35, United States Code, §120 of the United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose all information that is material to patentability in accordance with Title 37, Code of Federal

Regulations, §1.56 which became available to me between the filing date of the prior application and the national or PCT international filing date of this application:

Х	no such U.S./PCT applications have been filed.
	such U.S./PCT application have been filed as follows:

Application Number	Relationship	Parent Application	Date of Filing

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

I hereby appoint:

All practitioners at Customer Number 00959 (listed here):

James E. Cockfield	19,162	Jeanne M. DiGiorgio	41,710	Hathaway P. Russell	46,488
Thomas V. Smurzynski	24,798	Megan E. Williams	43,270	John S. Curran	50,445
Ralph A. Loren	29,325	Jeremiah Lynch	17,425	Lisa M. DiRocco	51,619
Giulio A. DeConti, Jr.	31,503	David J. Rikkers	43,882	Danielle L. Herritt	43,670
Elizabeth A. Hanley	33,505	* Maria Laccotripe Zacharakis, Ph.D.		Cynthia M. Soroos	53,623
Amy E. Mandragouras	36,207	Debra J. Milasincic	46,931	Jonathan M. Sparks, Ph.D.	53,624
Anthony A. Laurentano	38,220	David R. Burns	46,590	Merideth C. Arnold	52,568
Kevin J. Canning	35,470	Sean D. Detweiler	42,482	Peter W. Dini, Ph.D.	52,821
Jane E. Remillard	38,872	Cynthia L. Kanik, Ph.D.	37,320	Andrina Williams Zink	54,539
DeAnn F. Smith	36,683	Theodore R. West	47,202	John D. Lanza	40,060

^{*} Limited Recognition Under 37 C.F.R. § 10.9(b)

all of Lahive & Cockfield, LLP, 28 State Street, Boston, Massachusetts 02109,

and to:

Regina M. Anderson	35.820	Patricia Coleman James	37,155	Lawrence S. Pope	26,791
Cheryl L. Becker	35,441	Gregory W. Steele	33,796	Christopher P. Rogers	36,334
Portia L. Chen,	44,075	David L. Weinstein	28,128	Nicholas A. Poulos	30,209
Dianne Casuto	40,943	Michael J. Ward	37,960	William E. Murray	30,303
Allen W. Wark	30,503	Brian R. Woodworth	33,137	William J. Winter	36,060
Steven R. Crowley	31,604	Steven F. Weinstock	30,117	Nickki L. Parlett	44,996
Andreas M. Danckers	32,652	Michael R. Crabb	37,298	David J. Schodin	41,294
Gregory B. Donner	34,580	Kalim S. Fuzail	45,805	Mimi C. Goller	39,046
Beth A. Vrioni	39,869	Paul D. Yasger	37,477	Thomas D. Brainard	32,459

all of Abbott Laboratories, 100 Abbott Park Road, Abbott Park, IL 60064,

and	to:

John D. Conway

39,150 Kenneth Zwicker

43,310 Gayle B. O'Brien

48,812

Tara Seshadri 48,591

all of Abbott Bioresearch Center, 100 Research Dr., Worcester, MA 01605,

jointly, and each of them severally, my attorneys at law/patent agent(s), with full power of substitution, delegation and revocation, to prosecute this application, to make alterations and amendments therein, to receive the patent, and to transact all business in the U. S. Patent and Trademark Office connected therewith.

Send Correspondence to <u>Elizabeth A. Hanley, Esq.</u> at **Customer Number: 00959** whose address is:

LAHIVE & COCKFIELD, LLP, 28 State Street, Boston, MA 02109 Direct Telephone Calls to:

Elizabeth A. Hanley, Esq., (617) 227-7400

Full name of first inventor	
Subhashis Banerjee	
Sole or first inventor's signature	Date
Residence	
Shrewsbury, Massachusetts	
Citizenship US	
Mailing Address	
35 Hapgood Way	
Shrewsbury, Massachusetts 01545	

Date

Full name of third inventor	
Clive E. Spiegler Third inventor's signature	Date
Timu inventor s signature	Date
Residence	
Reading, Berrkshire, United Kingdom	
Citizenship US	
Mailing Address	
70 Peppard Road	
Emmer Green Reading	
Berkshire; RG4 8TL; UNITED KINGDOM	
Diamin, No. 1012, Chill Michael	
Full name of fourth inventor	
Daniel Edward Tracey	
Fourth inventor's signature	Date
Residence	
Harvard, Massachusetts	
Citizenship US	
Mailing Address	
149 Shaker Road	
Harvard, Massachusetts 01451	
Full name of fifth inventor	•
Elliot K. Chartash	
Fifth inventor's signature	Date
Residence	
Randolph, New Jersey	
Citizenship US	
Mailing Address	
00 Ediaharah Daiar	
28 Edinburgh Drive Randolph, New Jersey 07869	
Randolph, New Jersey 07007	
Full name of sixth inventor	
Rebecca S. Hoffman	
Sixth inventor's signature	Date
Paridana	<u> </u>
Residence Wilmette, Illinois	
Citizenship US Mailing Address	
I Maining Addices	
1300 Elmwood Avenue	
Wilmette, Illinois 60091	

Full name of seventh inventor	
William T. Barchuk	
Seventh inventor's signature	Date
Residence	
Madison, New Jersey	
Citizenship US	
Mailing Address	
95 Madison Avenue	
Apt. 1	
Madison, New Jersey 07940	
Full name of eighth inventor	
Philip Yan	
Eighth inventor's signature	Date
Residence	
Vernon Hills, Illinois	
Citizenship US	
Mailing Address	
368 Old Creek Road	
Vernon Hills, Illinois 60061	
,	
Full name of ninth inventor Anwar Murtaza	
Ninth inventor's signature	Date
1	
thrus Muyas	11/8/03
Residence Westborough Massachusetts	1 1
Westborough, Massachusetts Citizenship India	
Mailing Address	
30 Treetop Park Westborough, Massachusetts 01581	
Westoorough, Massachusetts VIIII	
Full name of tenth inventor	
Jochen G. Salfeld	
Tenth inventor's signature	Date
Residence	
North Grafton, Massachusetts	
Citizenship Germany	
Mailing Address	
177 Old Westboro Road	
North Grafton, Massachusetts 01536	

Full name of eleventh inventor	
Steven Fischkoff	
Eleventh inventor's signature	Date
Residence	<u> </u>
Short Hills, New Jersey	
Citizenship US	
Mailing Address	
5 Canoe Brook Road Short Hills, New Jersey 07078	



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE DECLARATION FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

TREATMENT OF ANEMIA USING TNFa INHIBITORS

the specification of which was filed on July 18, 2003 as Application No. 10/623075.

In the event that the filing date and/or Application No. are not entered above at the time I execute this document, and if such information is deemed necessary, I hereby authorize and request my attorneys/agent(s) at Lahive & Cockfield, LLP, 28 State Street, Boston, Massachusetts 02109, to insert above the filing date and/or Application No. of said application.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by an amendment, if any, specifically referred to herein.

I acknowledge the duty to disclose all information known to me that is material to patentability in accordance with Title 37, Code of Federal Regulations, § 1.56.

FOREIGN PRIORITY CLAIM

I hereby claim foreign priority benefits under Title 35, United States Code § 119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

that of the application on which priority is claimed:	ig date before
x no such foreign applications have been filed	
such foreign application have been filed as follows:	. ,
	•

EARLIEST FOREIGN APPLICATION(S), IF ANY FILED WITHIN 12 MONTHS (6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION

Application Number	Country	Date of Filing	Priority Claimed Under 35 USC 119
			Yes No
·			Yes No
			Yes No

ALL FOREIGN APPLICATION(S), IF ANY FILED MORE THAN 12 MONTHS (6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION

Application Number	Country	Date of Filing
	•	
	·	,
•		

CLAIM FOR BENEFIT OF EARLIER U.S. PROVISIONAL APPLICATIONS

I hereby claim priority benefits under Title 35, United States Code §119(e), of any United States provisional patent application(s) listed below:

	1 77 0			_	_	
i	no such U.S.	Drovicional	annlications	hava	haan	filad
	i iio sucii o.s.	DIOVISIONAL	abblications	HAVE	DECII	meu.
		1	1 1			

x such U.S. provisional application have been filed as follows:

Application Number	Date of Filing	Priority Claimed Under 35 USC 119		
60/397275	July 19, 2002	x Yes No		
60/411081	September 16, 2002	x Yes No		
60/417490	October 10, 2002	x Yes No		
60/455777	March 18, 2003	x Yes No		

CLAIM FOR BENEFIT OF EARLIER U.S./PCT APPLICATION(S)

I hereby claim the benefit under Title 35, United States Code, §120 of the United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose all information that is material to patentability in accordance with Title 37, Code of Federal

Regulations, §1.56 which became available to me between the filing date of the prior application and the national or PCT international filing date of this application:

X	no	such	U.S./PC	T	applications	have	been	filed.

- 1	such U.S./PCT	annliantian	have been	filedos	fallower
	 Sucii U.S./FCI	application	nave been	med as	Ionows:
	54011 5.071 61	application	TIM TO DOOL!	inou as	TOHO

Application Number	Relationship	Parent Application	Date of Filing		
			,		

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

I hereby appoint:

All practitioners at Customer Number 00959 (listed here):

James E. Cockfield	19,162	Jeanne M. DiGiorgio	41,710	Hathaway P. Russell	46,488
Thomas V. Smurzynski	24,798	Megan E. Williams	43,270	John S. Curran	50,445
Ralph A. Loren	29,325	Jeremiah Lynch	17,425 .	Lisa M. DiRocco	51,619
Giulio A. DeConti, Jr.	31,503	David J. Rikkers	43,882	Danielle L. Herritt	43,670
Elizabeth A. Hanley	33,505	* Maria Laccotripe Zacharakis, Ph.D.		Cynthia M. Soroos	53,623
Amy E. Mandragouras	36,207	Debra J. Milasincic	46,931	Jonathan M. Sparks, Ph.D.	53,624
Anthony A. Laurentano	38,220	David R. Burns	46,590	Merideth C. Arnold	52,568
Kevin J. Canning	35,470	Sean D. Detweiler	42,482	Peter W. Dini, Ph.D.	52,821
Jane E. Remillard	38,872	Cynthia L. Kanik, Ph.D.	37,320	Andrina Williams Zink	54,539
DeAnn F. Smith	36,683	Theodore R. West	47,202	John D. Lanza	40,060

^{*} Limited Recognition Under 37 C.F.R. § 10.9(b)

all of Lahive & Cockfield, LLP, 28 State Street, Boston, Massachusetts 02109,

and to:

Regina M. Anderson	35,820	Patricia Coleman James	37,155	Lawrence S. Pope	26,791
Cheryl L. Becker	35,441	Gregory W. Steele	33,796	Christopher P. Rogers	36,334
Portia L. Chen,	44,075	David L. Weinstein	28,128	Nicholas A. Poulos	30,209
Dianne Casuto	40,943	Michael J. Ward	37,960	William E. Murray	30,303
Allen W. Wark	30,503	Brian R. Woodworth	33,137	William J. Winter	36,060
Steven R. Crowley	31,604	Steven F. Weinstock	30,117	Nickki L. Parlett	44,996
Andreas M. Danckers	32,652	Michael R. Crabb	37,298	David J. Schodin	41,294
Gregory B. Donner	34,580	Kalim S. Fuzail	45,805	Mimi C. Goller	39,046
Beth A. Vrioni	39,869	Paul D. Yasger	37,477	Thomas D. Brainard	32,459

all of Abbott Laboratories, 100 Abbott Park Road, Abbott Park, IL 60064,

and to:

John D. Conway Tara Seshadri

39,150 Kenneth Zwicker 48,591

43,310 Gayle B. O'Brien

48,812

all of Abbott Bioresearch Center, 100 Research Dr., Worcester, MA 01605,

jointly, and each of them severally, my attorneys at law/patent agent(s), with full power of substitution, delegation and revocation, to prosecute this application, to make alterations and amendments therein, to receive the patent, and to transact all business in the U. S. Patent and Trademark Office connected therewith.

Send Correspondence to Elizabeth A. Hanley, Esq. at Customer Number: 00959 whose address

LAHIVE & COCKFIELD, LLP, 28 State Street, Boston, MA 02109 Direct Telephone Calls to: Elizabeth A. Hanley, Esq., (617) 227-7400 Full name of first inventor Subhashis Banerjee Sole or first inventor's signature Date Residence Shrewsbury, Massachusetts Citizenship US Mailing Address 35 Hapgood Way Shrewsbury, Massachusetts 01545

Full name of second inventor		* * * * * * * * * * * * * * * * * * * *		
Lori K. Taylor				•
Second inventor's signature			Date	
				•
Residence				
Wadsworth, Illinois				
Citizenship US				
Mailing Address				
14576 West Crabapple Drive Wadsworth, Illinois 60083				

Fall and a Control Control	
Full name of third inventor	
Clive E. Spiegler	
Third inventor's signature	Date
Residence	
Reading, Berrkshire, United Kingdom	
	·
Citizenship US	<u> </u>
Mailing Address	
70 Peppard Road Emmer Green	•
Reading	
Berkshire; RG4 8TL; UNITED KINGDOM	
Derksine, NOT OTE, CIVILED KINODOM	
Full name of fourth inventor	
Daniel Edward Tracey	
Fourth inventor's signature	
Fourth inventor's signature	Date
Residence	
Harvard, Massachusetts	
Citizenship US	
Mailing Address	
Maning Addiess	
149 Shaker Road	
Harvard, Massachusetts 01451	
·	
Full name of fifth inventor	
Full name of fifth inventor Elliot K. Chartash	
	Date
Elliot K. Chartash	Date
Elliot K. Chartash Fifth inventor's signature	Date
Elliot K. Chartash Fifth inventor's signature Residence	Date
Elliot K. Chartash Fifth inventor's signature Residence Randolph, New Jersey	Date
Elliot K. Chartash Fifth inventor's signature Residence Randolph, New Jersey Citizenship US	Date
Elliot K. Chartash Fifth inventor's signature Residence Randolph, New Jersey	Date
Elliot K. Chartash Fifth inventor's signature Residence Randolph, New Jersey Citizenship US Mailing Address	Date
Elliot K. Chartash Fifth inventor's signature Residence Randolph, New Jersey Citizenship US Mailing Address 28 Edinburgh Drive	Date
Elliot K. Chartash Fifth inventor's signature Residence Randolph, New Jersey Citizenship US Mailing Address	Date
Elliot K. Chartash Fifth inventor's signature Residence Randolph, New Jersey Citizenship US Mailing Address 28 Edinburgh Drive	Date
Elliot K. Chartash Fifth inventor's signature Residence Randolph, New Jersey Citizenship US Mailing Address 28 Edinburgh Drive Randolph, New Jersey 07869	Date
Elliot K. Chartash Fifth inventor's signature Residence Randolph, New Jersey Citizenship US Mailing Address 28 Edinburgh Drive Randolph, New Jersey 07869 Full name of sixth inventor	Date
Elliot K. Chartash Fifth inventor's signature Residence Randolph, New Jersey Citizenship US Mailing Address 28 Edinburgh Drive Randolph, New Jersey 07869 Full name of sixth inventor Rebecca S. Hoffman	
Elliot K. Chartash Fifth inventor's signature Residence Randolph, New Jersey Citizenship US Mailing Address 28 Edinburgh Drive Randolph, New Jersey 07869 Full name of sixth inventor	Date
Elliot K. Chartash Fifth inventor's signature Residence Randolph, New Jersey Citizenship US Mailing Address 28 Edinburgh Drive Randolph, New Jersey 07869 Full name of sixth inventor Rebecca S. Hoffman	
Elliot K. Chartash Fifth inventor's signature Residence Randolph, New Jersey Citizenship US Mailing Address 28 Edinburgh Drive Randolph, New Jersey 07869 Full name of sixth inventor Rebecca S. Hoffman	
Elliot K. Chartash Fifth inventor's signature Residence Randolph, New Jersey Citizenship US Mailing Address 28 Edinburgh Drive Randolph, New Jersey 07869 Full name of sixth inventor Rebecca S. Hoffman Sixth inventor's signature	
Elliot K. Chartash Fifth inventor's signature Residence Randolph, New Jersey Citizenship US Mailing Address 28 Edinburgh Drive Randolph, New Jersey 07869 Full name of sixth inventor Rebecca S. Hoffman Sixth inventor's signature Residence Wilmette, Illinois	
Elliot K. Chartash Fifth inventor's signature Residence Randolph, New Jersey Citizenship US Mailing Address 28 Edinburgh Drive Randolph, New Jersey 07869 Full name of sixth inventor Rebecca S. Hoffman Sixth inventor's signature Residence Wilmette, Illinois Citizenship US	
Elliot K. Chartash Fifth inventor's signature Residence Randolph, New Jersey Citizenship US Mailing Address 28 Edinburgh Drive Randolph, New Jersey 07869 Full name of sixth inventor Rebecca S. Hoffman Sixth inventor's signature Residence Wilmette, Illinois	
Elliot K. Chartash Fifth inventor's signature Residence Randolph, New Jersey Citizenship US Mailing Address 28 Edinburgh Drive Randolph, New Jersey 07869 Full name of sixth inventor Rebecca S. Hoffman Sixth inventor's signature Residence Wilmette, Illinois Citizenship US	
Elliot K. Chartash Fifth inventor's signature Residence Randolph, New Jersey Citizenship US Mailing Address 28 Edinburgh Drive Randolph, New Jersey 07869 Full name of sixth inventor Rebecca S. Hoffman Sixth inventor's signature Residence Wilmette, Illinois Citizenship US Mailing Address	

Full name of seventh inventor	
William T. Barchuk	
Seventh inventor's signature	Date
Residence	
Madison, New Jersey	• .
Citizenship US	
Mailing Address	
95 Madison Avenue	
Apt. 1	•
Madison, New Jersey 07940	•
Full name of eighth inventor	
Philip Yan	•
Eighth inventor's signature	Date
Residence	<u> </u>
Vernon Hills, Illinois	•
Citizenship US	
Mailing Address	
Maining Address	•
368 Old Creek Road	
Vernon Hills, Illinois 60061	
Full name of ninth inventor	
Anwar Murtaza Ninth inventor's signature	T
Ninth inventor's signature	Date
Residence	
Shrewsbury, Massachusetts	
Citizenship India	
Mailing Address	
50 Commons Drive	
Apt. 30	
Shrewsbury, Massachusetts 01545	
	······································
Full name of tenth investor	
Jochen G. Salfeld	•
Tenth spenior's signature	Date
145/1	11/11/03
	11/11/ 45
Residence	
North Grafton, Massachusetts	· · · · · · · · · · · · · · · · · · ·
Citizenship Germany	•
Mailing Address	
177 Old Westboro Road	
North Grafton, Massachusetts 01536	
Troiting of all the state of th	

Full name of eleventh inventor		
Steven Fischkoff		
Eleventh inventor's signature		Date
•		•
Residence		
Short Hills, New Jersey	•	·
Citizenship US		
Mailing Address		
		*•
5 Canoe Brook Road	•	
Short Hills, New Jersey 07078	•	·



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE DECLARATION FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

TREATMENT OF ANEMIA USING TNFa INHIBITORS

the specification of which was filed on July 18, 2003 as Application No. 10/623075.

In the event that the filing date and/or Application No. are not entered above at the time I execute this document, and if such information is deemed necessary, I hereby authorize and request my attorneys/agent(s) at Lahive & Cockfield, LLP, 28 State Street, Boston, Massachusetts 02109, to insert above the filing date and/or Application No. of said application.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by an amendment, if any, specifically referred to herein.

I acknowledge the duty to disclose all information known to me that is material to patentability in accordance with Title 37, Code of Federal Regulations, § 1.56.

FOREIGN PRIORITY CLAIM

I hereby claim foreign priority benefits under Title 35, United States Code § 119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

that of the approximent on which printing to claimled.
x no such foreign applications have been filed
such foreign application have been filed as follows:

EARLIEST FOREIGN APPLICATION(S), IF ANY FILED WITHIN 12 MONTHS (6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION

Application Number	Country	Date of Filing	Priority Claimed Under 35 USC 119
			Yes No
			Yes No
			Yes No

ALL FOREIGN APPLICATION(S), IF ANY FILED MORE THAN 12 MONTHS (6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION

Application Number	Country	Date of Filing

CLAIM FOR BENEFIT OF EARLIER U.S. PROVISIONAL APPLICATIONS

I hereby claim priority benefits under Title 35, United States Code §119(e), of any United States provisional patent application(s) listed below:

I	no such	U.S.	provisional	applications	have	been	filed.
ı			F				

x such U.S. provisional application have been filed as follows:

Application Number	Date of Filing	Priority Claimed Under 35 USC 119
60/397275	July 19, 2002	x Yes No
60/411081	September 16, 2002	x Yes No
60/417490	October 10, 2002	x Yes No
60/455777	March 18, 2003	x Yes No

CLAIM FOR BENEFIT OF EARLIER U.S./PCT APPLICATION(S)

I hereby claim the benefit under Title 35, United States Code, §120 of the United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose all information that is material to patentability in accordance with Title 37, Code of Federal

Regulations, §1.56 which became available to me between the filing date of the prior application and the national or PCT international filing date of this application:

X	no such U.S./PCT applications have been filed.
	such U.S./PCT application have been filed as follows:

Application Number	Relationship	Parent Application	Date of Filing

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

I hereby appoint:

All practitioners at Customer Number 00959 (listed here):

James E. Cockfield	19,162	Jeanne M. DiGiorgio	41,710	Hathaway P. Russell	46,488
Thomas V. Smurzynski	24,798	Megan E. Williams	43,270	John S. Curran	50,445
Ralph A. Loren	29,325	Jeremiah Lynch	17,425	Lisa M. DiRocco	51,619
Giulio A. DeConti, Jr.	31,503	David J. Rikkers	43,882	Danielle L. Herritt	43,670
Elizabeth A. Hanley	33,505	* Maria Laccotripe Zacharakis, Ph.D.		Cynthia M. Soroos	53,623
Amy E. Mandragouras	36,207	Debra J. Milasincic	46,931	Jonathan M. Sparks, Ph.D.	53,624
Anthony A. Laurentano	38,220	David R. Burns	46,590	Merideth C. Arnold	52,568
Kevin J. Canning	35,470	Sean D. Detweiler	42,482	Peter W. Dini, Ph.D.	52,821
Jane E. Remillard	38,872	Cynthia L. Kanik, Ph.D.	37,320	Andrina Williams Zink	54,539
DeAnn F. Smith	36,683	Theodore R. West	47,202	John D. Lanza	40,060

^{*} Limited Recognition Under 37 C.F.R. § 10.9(b)

all of Lahive & Cockfield, LLP, 28 State Street, Boston, Massachusetts 02109,

and to:

Regina M. Anderson	35,820	Patricia Coleman James	37,155	Lawrence S. Pope	26,791
Cheryl L. Becker	35,441	Gregory W. Steele	33,796	Christopher P. Rogers	36,334
Portia L. Chen,	44,075	David L. Weinstein	28,128	Nicholas A. Poulos	30,209
Dianne Casuto	40,943	Michael J. Ward	37,960	William E. Murray	30,303
Allen W. Wark	30,503	Brian R. Woodworth	33,137	William J. Winter	36,060
Steven R. Crowley	31,604	Steven F. Weinstock	30,117	Nickki L. Parlett	44,996
Andreas M. Danckers	32,652	Michael R. Crabb	37,298	David J. Schodin	41,294
Gregory B. Donner	34,580	Kalim S. Fuzail	45,805	Mimi C. Goller	39,046
Beth A. Vrioni	39,869	Paul D. Yasger	37,477	Thomas D. Brainard	32,459

all of Abbott Laboratories, 100 Abbott Park Road, Abbott Park, IL 60064,

		•	
and to:			
John D. Conway Tara Seshadri	39,150 Kenneth Zwicker 48,591	43,310 Gayle B. O'Brien	48,812
all of Abbott Bior	research Center, 100 Resear	rch Dr., Worcester, MA 01605	,
substitution, deleg amendments there	ation and revocation, to pros	ys at law/patent agent(s), with ecute this application, to make to transact all business in the	alterations and
Send Corresponde is:	nce to Elizabeth A. Hanley,	Esq. at Customer Number:	00959 whose address
LAHIVE & COCI	KFIELD, LLP, 28 State Stree	et, Boston, MA 02109	
Direct Telephone	Calls to: ey, Esq., (617) 227-7400		
Full name of first inv	entor		
Subhashis Bar	eriee		
Sole or first inventor'	3	Date	" " " " " " " " " " " " " " " " " " " "
Residence			
Shrewsbury, N	Sassachusetts		
Citizenship US			
Mailing Address			
35 Hapgood Way Shrewsbury, Mas	sachusetts 01545		
Full name of second i	nyentor		
Lori K. Taylor			
Second inventor's sig		Date	
occond inventor 5 sig		Date	
Residence			
Wadsworth, Il	linois		

US

14576 West Crabapple Drive Wadsworth, Illinois 60083

Citizenship

Mailing Address

Full name of third inventor	
Clive E. Spiegler	
Third inventor's signature	Date
Residence	
Reading, Berrkshire, United Kingdom	
Citizenship US .	
Mailing Address	
70 Peppard Road	
Emmer Green	
Reading	
Berkshire; RG4 8TL; UNITED KINGDOM	
Full name of fourth inventor	
Daniel Edward Tracey	
Fourth inventor's signature	Date
Residence	
Harvard, Massachusetts	
Citizenship US	
Mailing Address	
Walling Addices	
149 Shaker Road	
Harvard, Massachusetts 01451	
	•
Full name of fifth inventor	
Elliot K. Chartash	
Fifth inventor's signature	Date
Residence	
Randolph, New Jersey	
Citizenship US	
Mailing Address	
Training Florido	
28 Edinburgh Drive	
Randolph, New Jersey 07869	
Full name of sixth inventor	
Rebecca S. Hoffman	
Sixth inventor's signature	Date
Residence	<u> </u>
Wilmette, Illinois	
Citizenship US	
Mailing Address	
1300 Elmwood Avenue	
Wilmette, Illinois 60091	

Full name of seventh inventor William T. Barchuk	
Seventh inventor's signature	I B
Seventii iliventoi s signature	Date
Residence	
Madison, New Jersey	
Citizenship US	
Mailing Address	
95 Madison Avenue	
Apt. 1	
Madison, New Jersey 07940	
Full name of eighth inventor	
Philip Yan	
Eighth inventor's signature	Date
Residence	
Vernon Hills, Illinois	
Citizenship US	
Mailing Address	
368 Old Creek Road	
Vernon Hills, Illinois 60061	
Full name of ninth inventor	
Anwar Murtaza	
Ninth inventor's signature	Date
Residence	
Shrewsbury, Massachusetts	
Citizenship India	
Mailing Address	
50 Commons Drive	
Apt. 30	
Shrewsbury, Massachusetts 01545	
-	
Full name of tenth inventor	
Jochen G. Salfeld	
Tenth inventor's signature	Date
·	
Paris I	
Residence North Grafton Massachusetts	
North Grafton, Massachusetts	
Citizenship Germany	
Mailing Address	
177 Old Westboro Road	
North Grafton, Massachusetts 01536	

Full name of eleventh inventor	
Steven Fischkoff	
Eleventh inventor's signatur	Date /// 2a/03
Residence	
Short Hills, New Jersey	
Citizenship US	
Mailing Address	
5 Canoe Brook Road Short Hills, New Jersey 07078	



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE DECLARATION FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

TREATMENT OF ANEMIA USING TNFa INHIBITORS

the specification of which was filed on July 18, 2003 as Application No. 10/623075.

In the event that the filing date and/or Application No. are not entered above at the time I execute this document, and if such information is deemed necessary, I hereby authorize and request my attorneys/agent(s) at Lahive & Cockfield, LLP, 28 State Street, Boston, Massachusetts 02109, to insert above the filing date and/or Application No. of said application.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by an amendment, if any, specifically referred to herein.

I acknowledge the duty to disclose all information known to me that is material to patentability in accordance with Title 37, Code of Federal Regulations, § 1.56.

FOREIGN PRIORITY CLAIM

I hereby claim foreign priority benefits under Title 35, United States Code § 119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

x no such foreign applications have been filed	
such foreign application have been filed as follows:	

EARLIEST FOREIGN APPLICATION(S), IF ANY FILED WITHIN 12 MONTHS (6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION

Application Number	Country	Date of Filing	Priority Claimed Under 35 USC 119
			Yes No
			Yes No
			Yes No

ALL FOREIGN APPLICATION(S), IF ANY FILED MORE THAN 12 MONTHS (6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION

Application Number	Country	Date of Filing
,		
		<u> </u>

CLAIM FOR BENEFIT OF EARLIER U.S. PROVISIONAL APPLICATIONS

I hereby claim priority benefits under Title 35, United States Code §119(e), of any United States provisional patent application(s) listed below:

	no such U.S.	provisional	applications	have	been	filed.
--	--------------	-------------	--------------	------	------	--------

x such U.S. provisional application have been filed as follows:

Application Number	ication Number Date of Filing	
60/397275	July 19, 2002	x Yes No
60/411081	September 16, 2002	x Yes No
60/417490	October 10, 2002	x Yes No
60/455777	March 18, 2003	x Yes No

CLAIM FOR BENEFIT OF EARLIER U.S./PCT APPLICATION(S)

I hereby claim the benefit under Title 35, United States Code, §120 of the United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose all information that is material to patentability in accordance with Title 37, Code of Federal

Regulations, §1.56 which became available to me between the filing date of the prior application and the national or PCT international filing date of this application:

X	no such U.S./PCT applications have been filed.
	such U.S./PCT application have been filed as follows

Application Number	Relationship	Parent Application	Date of Filing

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

I hereby appoint:

All practitioners at Customer Number 00959 (listed here):

James E. Cockfield	19,162	Jeanne M. DiGiorgio	41,710	Hathaway P. Russell	46,488
Thomas V. Smurzynski	24,798	Megan E. Williams	43,270	John S. Curran	50,445
Ralph A. Loren	29,325	Jeremiah Lynch	17,425	Lisa M. DiRocco	51,619
Giulio A. DeConti, Jr.	31,503	David J. Rikkers	43,882	Danielle L. Herritt	43,670
Elizabeth A. Hanley	33,505	* Maria Laccotripe Zacharakis, Ph.D.		Cynthia M. Soroos	53,623
Amy E. Mandragouras	36,207	Debra J. Milasincic	46,931	Jonathan M. Sparks, Ph.D.	53,624
Anthony A. Laurentano	38,220	David R. Burns	46,590	Merideth C. Arnold	52,568
Kevin J. Canning	35,470	Sean D. Detweiler	42,482	Peter W. Dini, Ph.D.	52,821
Jane E. Remillard	38,872	Cynthia L. Kanik, Ph.D.	37,320	Andrina Williams Zink	54,539
DeAnn F. Smith	36,683	Theodore R. West	47,202	John D. Lanza	40,060

^{*} Limited Recognition Under 37 C.F.R. § 10.9(b)

all of Lahive & Cockfield, LLP, 28 State Street, Boston, Massachusetts 02109,

and to:

Regina M. Anderson	35.820	Patricia Coleman James	37.155	Lawrence S. Pope	26.791
Cheryl L. Becker	35,441	Gregory W. Steele	33,796	Christopher P. Rogers	36,334
Portia L. Chen,	44,075	David L. Weinstein	28,128	Nicholas A. Poulos	30,209
Dianne Casuto	40,943	Michael J. Ward	37,960	William E. Murray	30,303
Allen W. Wark	30,503	Brian R. Woodworth	33,137	William J. Winter	36,060
Steven R. Crowley	31,604	Steven F. Weinstock	30,117	Nickki L. Parlett	44,996
Andreas M. Danckers	32,652	Michael R. Crabb	37,298	David J. Schodin	41,294
Gregory B. Donner	34,580	Kalim S. Fuzail	45,805	Mimi C. Goller	39,046
Beth A. Vrioni	39,869	Paul D. Yasger	37,477	Thomas D. Brainard	32,459

all of Abbott Laboratories, 100 Abbott Park Road, Abbott Park, IL 60064,

and to:					
John D. Conway Tara Seshadri	39,150 48,591	Kenneth Zwicker	43,310	Gayle B. O'Brien	48,812
all of Abbott Bior	esearch C	Center, 100 Researc	ch Dr., Wor	cester, MA 01605,	
substitution, deleg	ation and r	evocation, to prose ve the patent, and t	cute this ap	tent agent(s), with foplication, to make all business in the U	alterations and
Send Corresponde is:	nce to <u>Eli</u>	zabeth A. Hanley,	Esq. at Cu	stomer Number: (00959 whose address
LAHIVE & COCI	KFIELD, L	LP, 28 State Street	t, Boston, N	/IA 02109	
Direct Telephone Elizabeth A. Hanle		517) 227-7400			
Full name of first inv	ventor				
Subhashis Bar					
Sole or first inventor'	s signature			Date	
Residence				- <u></u>	
Shrewsbury, N		etts			
Citizenship US		···			
Mailing Address					
35 Hapgood Way Shrewsbury, Mas		1545			
Sillewsbully, Mas					
Full name of second i				<u> </u>	
Lori K. Taylor					
Second inventor's sig	nature			Date	
Residence	·				

Wadsworth, Illinois

US

14576 West Crabapple Drive Wadsworth, Illinois 60083

Citizenship

Mailing Address

Full name of third inventor	
Clive E. Spiegler	
Third inventor's signature	Date
The E. Spegier	19 FEBRUARY 2004
Residence	
Reading, Berrkshire, United Kingdom	
Citizenship US	
Mailing Address	
70 Peppard Road	
Emmer Green	
Reading	
Berkshire; RG4 8TL; UNITED KINGDOM	
Full name of fourth inventor	
Daniel Edward Tracey	
Fourth inventor's signature	Date
Residence	
Harvard, Massachusetts	
Citizenship US	
Mailing Address	
149 Shaker Road	
Harvard, Massachusetts 01451	
Full name of fifth inventor	
Elliot K. Chartash	
Fifth inventor's signature	Date
•	
Residence	
Randolph, New Jersey	
Citizenship US	
Mailing Address	
28 Edinburgh Drive	
Randolph, New Jersey 07869	
Full name of sixth inventor	
Rebecca S. Hoffman	
Sixth inventor's signature	Date
Residence	
Wilmette, Illinois	
Citizenship US	
Mailing Address	
1300 Elmwood Avenue	
Wilmette, Illinois 60091	

Full name of seventh inventor William T. Barchuk	
Seventh inventor's signature	Date
Seventh inventor's signature	Date
Residence	
Madison, New Jersey	
Citizenship US	
Mailing Address	
95 Madison Avenue	
Apt. 1	
Madison, New Jersey 07940	
Full name of eighth inventor	
Philip Yan Eighth inventor's signature	Date
Lighth inventor 3 signature	Date
Residence	
Vernon Hills, Illinois	
Citizenship US	
Mailing Address	
368 Old Creek Road	
Vernon Hills, Illinois 60061	
Full name of ninth inventor Anwar Murtaza	
Ninth inventor's signature	Date
Residence Chrowchur Mossochusette	
Shrewsbury, Massachusetts	
Citizenship India Mailing Address	
50 Commons Drive Apt. 30	
Shrewsbury, Massachusetts 01545	
one word y, massachasetts one to	
Editor (Cont.)	
Full name of tenth inventor Jochen G. Salfeld	
Tenth inventor's signature	Date
· · · · · · · · · · · · · · · · · · ·	
Residence North Crafton Massachusetts	
North Grafton, Massachusetts	
Citizenship Germany Mailing Address	
Maning Address	
177 Old Westboro Road	
North Grafton, Massachusetts 01536	

Full name of eleventh inventor					
Steven Fischkoff					
Eleventh inventor's signature	Date				
Residence					
Short Hills, New Jersey					
Citizenship US					
Mailing Address					
5 Canoe Brook Road					
Short Hills, New Jersey 07078					